

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S2	769	pace.in.	US-PGPUB; USPAT	OR	ON	2006/02/28 12:30
S3	14	pace.in. and Benedict	US-PGPUB; USPAT	OR	ON	2006/02/27 12:19
S12	9	((("5627406") or ("5793105") or ("5866441") or ("5904449") or ("6107120") or ("6125820") or ("6258703") or ("6614110") or ("20020076910")).PN.	US-PGPUB; USPAT	OR	OFF	2006/02/27 12:23
S15	1	"6613605".pn.	US-PGPUB; USPAT	OR	ON	2006/02/27 12:25
S16	3167	((438/106) or (438/125)).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/02/27 13:26
S24	1198	S16 and @ad<="20001215"	US-PGPUB; USPAT	OR	ON	2006/02/27 13:34
S28	514	S24 and (protuberance protrude protuberant buldge bump)	US-PGPUB; USPAT	OR	ON	2006/02/27 14:52
S29	674	S24 and (gold Au)	US-PGPUB; USPAT	OR	ON	2006/02/27 13:36
S30	324	S28 and S29	US-PGPUB; USPAT	OR	ON	2006/02/27 13:38
S31	284	S30 and (melt\$3 heat\$3)	US-PGPUB; USPAT	OR	ON	2006/02/27 14:50
S32	13	S31 and metallurgically	US-PGPUB; USPAT	OR	ON	2006/02/27 13:41
S33	271	S31 not S32	US-PGPUB; USPAT	OR	ON	2006/02/27 14:51
S34	219	S33 and pad	US-PGPUB; USPAT	OR	ON	2006/02/27 14:51
S35	8	S24 and (protuberance)	US-PGPUB; USPAT	OR	ON	2006/02/27 14:58
S36	37	S24 and (convex)	US-PGPUB; USPAT	OR	ON	2006/02/27 15:25
S37	3	S24 and "gold powder"	US-PGPUB; USPAT	OR	ON	2006/02/27 15:31
S38	47	S28 and (heat\$3 near5 insulat\$4)	US-PGPUB; USPAT	OR	ON	2006/02/27 15:32
S39	42	S38 not (S37 S36 S35)	US-PGPUB; USPAT	OR	ON	2006/02/27 15:44
S40	18	"gold powder" near10 heat\$3	US-PGPUB; USPAT	OR	ON	2006/02/27 15:44
S41	65	(metal adj deposition) with (contact adj pad)	US-PGPUB; USPAT	OR	ON	2006/02/28 13:09

## EAST Search History

S42	396	(metal adj deposition) with (pad)	US-PGPUB; USPAT	OR	ON	2006/02/28 13:09
S43	172	((metal adj deposition) with (pad)) and @ad<="20001215"	US-PGPUB; USPAT	OR	ON	2006/02/28 13:10
S44	447420	(metal metallic) same (contact pad bond)	US-PGPUB; USPAT	OR	ON	2006/02/28 13:10
S45	118924	S44 and ((metal\$3) same (deposit\$3))	US-PGPUB; USPAT	OR	ON	2006/02/28 13:11
S46	42216	S45 and (reflow\$3 melt\$3 solder)	US-PGPUB; USPAT	OR	ON	2006/02/28 13:11
S47	17671	S46 and ((metal or metallic) same (bump ball protuberance lead))	US-PGPUB; USPAT	OR	ON	2006/02/28 13:12
S48	10795	S47 and (sputtering elctroplating electroless plating)	US-PGPUB; USPAT	OR	ON	2006/02/28 13:13
S49	7166	S48 and semiconductor	US-PGPUB; USPAT	OR	ON	2006/02/28 13:13
S50	1648	S49 and (contact adj pad)	US-PGPUB; USPAT	OR	ON	2006/02/28 13:13
S51	666	S50 and @ad<="20001215"	US-PGPUB; USPAT	OR	ON	2006/02/28 13:14
S52	49	S51 and (metal same powder)	US-PGPUB; USPAT	OR	ON	2006/02/28 13:14
S53	3	((("6121689") or ("5985043") or ("5988487"))).PN.	US-PGPUB; USPAT	OR	OFF	2006/02/28 13:17
S54	74	(gold adj powder) same (organic adj (solvent solute solution binder liquid vehicle))	US-PGPUB; USPAT	OR	ON	2006/02/28 13:20
S55	60	S54 and @ad<="20001215"	US-PGPUB; USPAT	OR	ON	2006/02/28 13:16
S56	8	(gold adj powder) same (organic adj carrier)	US-PGPUB; USPAT	OR	ON	2006/02/28 13:16
S57	5	((("6121689") or ("5985043") or ("5988487") or ("6293456") or ("5320769"))).PN.	US-PGPUB; USPAT	OR	OFF	2006/02/28 17:29
S58	41	(gold adj powder) same (organic adj (solvent solute solution binder liquid vehicle))	EPO; JPO; DERWENT	OR	ON	2006/02/28 13:22
S59	3	(gold adj powder) same (organic adj carrier)	EPO; JPO; DERWENT	OR	ON	2006/02/28 13:21
S60	1267	(metal adj (ball bump)) same (aluminum copper gold silver)	US-PGPUB; USPAT	OR	ON	2006/02/28 17:30
S61	631	S60 and @ad<="20001215"	US-PGPUB; USPAT	OR	ON	2006/02/28 17:30

## EAST Search History

S62	24	S61 and (metal adj (ball bump)) same (aluminum and copper and gold and silver)	US-PGPUB; USPAT	OR	ON	2006/02/28 17:37
S63	1	("6,063,647").PN.	US-PGPUB; USPAT	OR	OFF	2006/02/28 17:37